

Victoria E. Chen

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EDUCATION

Texas A&M University

Bachelor of Science in Computer Engineering, Minor in Mathematics, GPA 4.0

College Station, TX

August 2021 – Present

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, HTML, CSS, SQL

Technologies: Node.js, Next.js, React.js, Git, Linux, MongoDB, Numpy, Pandas, Matplotlib

PROJECTS

Fullstack To Do List | [GitHub](#) | Node.js, MongoDB, Express, EJS, CSS

- Created a fullstack web application that allows the user to route to custom to do lists, add tasks, and delete tasks.
- Stored user tasks in a cloud database hosted on MongoDB Atlas with Express allowing routing to user-customized to-do lists with Node.js used as the app's backend.

Victoria's Site | [GitHub](#) | TypeScript, Tailwind CSS, Next.js, React.js

- Developed a personal website using TypeScript, React, and Tailwind CSS as the app's frontend with Next.js as the backend, and ensured that the site was fully responsive by testing media breakpoints.

EXPERIENCE

Data Science Undergraduate Research Assistant

Texas A&M Neuroergonomics Laboratory

January 2022 - Present

College Station, TX

- Analyze data gathered to understand the dynamics of driver trust during autonomous driving.
- Conduct data analysis with Python (Matplotlib, Numpy, Pandas) of data gathered from subjective response (survey), NASA psychomotor vigilance test (PVT), fNIRS (neural activity), ECG, eye-tracking and driving simulator data.

Software Engineer Mentee

KDE

January 2023 – Present

Remote

- Troubleshoot, test, and develop user-friendly websites while communicating with cross-functional teams across KDE, an international open-source software hub, as a mentee of their Season of KDE program.
- Utilize Git, Hugo, HTML, and CSS to improve web accessibility and implement responsive web design.

Cloud and Automation Team Engineer

Texas A&M SpaceCRAFT VR

August 2022 – December 2022

College Station, TX

- Developed the commercial backend of SpaceCRAFT's website, a high-fidelity VR simulation of conditions in space.
- Utilized TypeScript and PostgreSQL to implement backend functions allowing for user registration and modification.

LEADERSHIP

Public Relations Director

Society of Asian Scientists and Engineers

May 2022 – Present

College Station, TX

- Manage a committee responsible for planning and executing various interorganizational events and organizational socials and utilize strong leadership and communication skills to coordinate and align event planning and execution with organizational goals and objectives.

Logistics Director

TAMU Datathon

December 2022 – Present

College Station, TX

- Manage event operations for TAMU Datathon, a large-scale data science hackathon.
- Demonstrate strong leadership skills in managing and coordinating all aspects of the event, including company sponsorship, event operations, finance, and personnel handling.